```
****************************************************
Report: hw1
Author: F74045018 廖其忻
Class: 甲班
Description:
I did my works by referring to textbook and asking seniors
and friends. In this homework, I have learnt that the
application of loops and also technique to debug and reduce
bugs. I have also learnt that the details of coding and the
format of coding.
****************************************************
Code:
```

```
 1 /*********
 2 Student Number: F74045018
 3 Name: Cayon Liow Keei Yann
 4 Way of Compiling: gcc -o hw1 hw1.c
 5 Way of Executing: ./hw1(input file name)(output file name)
 6 Function of the Program: Copying a file
 7 Updated Date: 2015.10.12
 8 *********/
 9
10 #include <stdio.h>
11 #include <stdlib.h>
12
13 int main(int argc, char*argv[])
14
15 {
16     FILE * readfile;
17     FILE * writefile;
18     char word;
19
20     readfile = fopen(argv[1],"r");
21     writefile = fopen(argv[2],"w");
22
23         while (fscanf(readfile,"%c",&word) != EOF)
24         {
25         fprintf(writefile,"%c",word);
```

```
26          }
27
28          fclose(readfile);
29          fclose(writefile);
30
31 }
```
Compilation:

```
gcc -o hw1 hw1.c
```

Execution:

```
./ hw1 (input file name) (output file name)
```

Output:

```
Welcome to C !
```